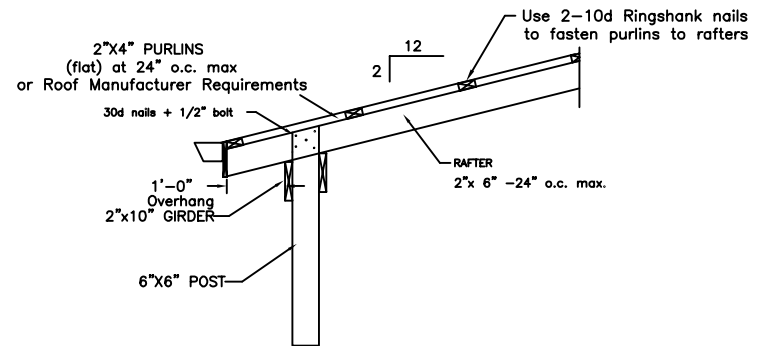
ROOF COMPONENTSRAFTER CROSS - SECTIONNOTES

1. Purlin Placement, stagger purlins in a manner that keeps all butt joints from falling on the same rafter.
2. Knee bracing will be used to support girders and is an important part of the structure.
3. Fasteners—Special nails or screws with sealing washers are used to fasten metal roofing. Only buy fasteners designed for this use and follow manufacturer's application instructions.
4. If building your own roof obtain a professional design or equivalent.
5. An min. equivalent roof design shall provide for a uniform load to meet the county code or 25psf, which ever is greater.
6. Post Depth will be 4' from top of concrete.
7. ALWAYS FOLLOW MANUFACTURER'S RECOMMENDATIONS.

RAFTER SPACING = _____

POST SPACING = _____

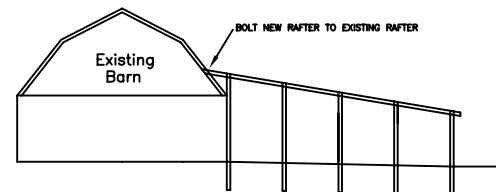
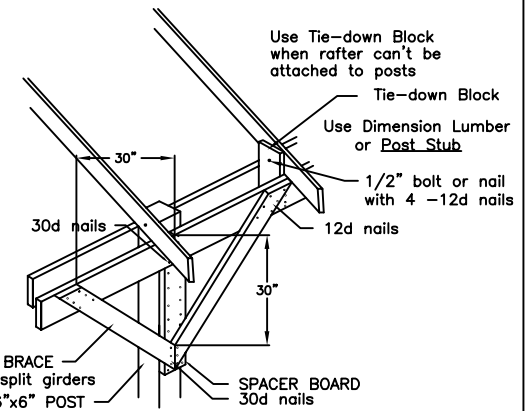
PURLIN SPACING = _____

TYPE OF ROOF = _____

GIRDER LENGTH = _____

The above mentioned items were chosen by me (the landowner) and I except the responsibility for the design.

SIGNED: _____

PROPOSED ROOF (SIDE VIEW)KNEE BRACE DETAIL

ROOF ASSEMBLY DETAILS
(RAFTER OPTION)

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

DESIGNED	DATE	APPROVED BY	DATE
DRAWN	DATE	TITLE	
TRACED		CONS. APPROVAL	
CHECKED		TITLE	
		DATE	
		DATE	

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